

What is claimed is:

1. A method for producing an L-amino acid, which comprises:

(a) culturing in a medium a microorganism having an ability to produce an L-amino acid and having resistance to a DNA gyrase inhibitor;

(b) producing and accumulating the L-amino acid in the culture; and

(c) recovering the L-amino acid from the culture.

2. The method for producing an L-amino acid according to claim 1, wherein the DNA gyrase inhibitor is selected from the group consisting of nalidixic acid, oxolinic acid, coumermycin, novobiocin and the alkali metal salts of these substances.

3. The method for producing an L-amino acid according to claim 1, wherein the microorganism has resistance to an aminoquinoline derivative.

4. The method for producing an L-amino acid according to claim 3, wherein the aminoquinoline derivative is selected from the group consisting of chloroquine, amodiaquine, pentaquine, primaquine and the alkali metal salts of these substances.

5. The method for producing an L-amino acid according to any one of claims 1 to 4, wherein the L-amino acid is L-histidine.

6. The method for producing an L-amino acid according to claim 1 or 3, wherein the microorganism is selected from the group consisting of genera *Serratia*, *Corynebacterium*, *Arthrobacter*, *Microbacterium*, *Bacillus* and *Escherichia*.

7. The method for producing an L-amino acid according to claim 6, wherein the microorganism is selected from the group consisting of *Escherichia coli* H-9342 (FERM BP-6675) and *Escherichia coli* H-9343 (FERM BP-6676).

8. A microorganism having an ability to produce an L-amino acid and having resistance to a DNA gyrase inhibitor.

9. The microorganism according to claim 8, wherein the DNA gyrase inhibitor is selected from the group consisting of nalidixic acid, oxolinic acid, coumermycin, novobiocin, and the alkali metal salts of these substances.

10. The microorganism according to claim 8 or 9, wherein the microorganism has resistance to an aminoquinoline derivative.

11. The microorganism according to claim 10, wherein the aminoquinoline derivative is selected from the group consisting of chloroquine, amodiaquine, pentaquine, primaquine, and the alkali metal salts of these substances.

12. The microorganism according to claim 8, wherein the L-amino acid is L-histidine.

13. The microorganism according to any one of claims 8 to 12, wherein the microorganism is selected from the group consisting of genera *Serratia*, *Corynebacterium*, *Arthrobacter*, *Microbacterium*, *Bacillus* and *Escherichia*.

14. A microorganism selected from either *Escherichia coli* H-9342 (FERM BP-6675) or *Escherichia coli* H-9343 (FERM BP-6676).